

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

826.1769

APPLICATION NO.

09/986293

FIRST NAMED INVENTOR

Hideo OKADA et al.

FILING DATE

November 7, 2001

GROUP ART UNIT

Unassigned

11002 U.S. PTO

09/986293

11/08/01

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
JD	AG	8-193805	07/30/1996	Japan			X	
JD	AH	5-136509	06/01/1993	Japan			X	
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JD	AM	"Spindler & Hoyer, Piezo Control", Opto Science, Inc., U2-U4 and U6.
JD	AN	"Basic Designs of Piezoelectric Positioning Elements", Physik Instrumente, 4,39.
	AO	

EXAMINER

Jennifer Dora

DATE CONSIDERED

10/31/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 826.1769	APPLICATION NO. 09/986,293
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Hideo OKADA et al.	
		FILING DATE November 8, 2001	GROUP ART UNIT 2874

U.S. PATENT DOCUMENTS

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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

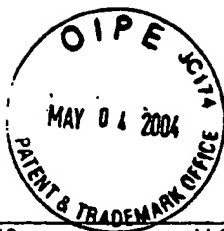
FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
JD	AG	WO 92/15903	09/17/92	PCT	—	—	X	
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
	AM			

EXAMINER Jennifer Doan	DATE CONSIDERED 06/09/04
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
JD	AA	6,002,661	12/14/99	Abe et al.	—	—	—
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
JD	AC	WO 99/09448	02/25/99	PCT	—	—	X	
	AD							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

				TRANSLATION YES NO	
JD	AE	Wada YUKIHIKO, PATENT ABSTRACTS OF JAPAN, Piezoelectric Element Array, Variable-Shape Mirror and Assembly Thereof, Compensating Optical Device, and Astronomical Telescope, Publication No.: 07066463, Publication Date: 03-10-95.		X	
JD	AF	Nishioka KIMIHIKO, PATENT ABSTRACTS OF JAPAN, Eccentric Optical System", Publication No.: 20002-98237, Publication Date: 10-24-00.			
JD	AG	A. CHELLABI et al., "Active Shape Control of a Deformable Mirror in an Adaptive Optic System", COMMUNICATIONS, COMPUTERS AND SIGNAL PROCESSING, 1997. 10 YEARS PACRIM 1987-1997 - NETWORKING THE PACIFIC RIM. 1997 IEEE PACIFIC RIM CONFERENCE ON VICTORIA, BC, CANADA 20-22 AUG. 1997, NEW YORK, NY, USA, IEEE, US, 20 AUGUST 1997 (1997-08-20), pp. 581-584.		X	

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OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			TRANSLATION	
			YES	NO
JD	AH	Koshichi NEMOTO, et al., "Transformation of a laser beam intensity profile by a deformable mirror", OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, Vol. 21, No. 3, 1 February 1996 (1996-02-01), pp. 168-170, XP 000629018.	X	
JD	AI	G. CHERIAUX, et al., "Temporal control of amplified femtosecond pulses with a deformable mirror in a stretcher", OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US. vol. 26, no. 3, February 2001 (2001-02), pp. 169-171, XP001038936	X	
JD	AJ	M. SHIRASAKI, "Compensation of Chromatic dispersion and dispersion slope using a virtually imaged phased array", OPTICAL FIBER COMMUNICATION CONFERENCE. (OFC). TECHNICAL DIGEST POSTCONFERENCE EDITION, ANAHEIM, CA, MARCH 17-22, 2001, TRENDS IN OPTICS AND PHOTONICS SERIES. vol. 1 of 4, 17 March 2001 (2001-03-17), pp. TuSI-1 -TuSI-3, XP010545824.	X	
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